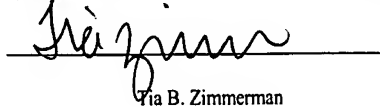


PATENT
Docket No. 306812005200
Client Reference No. A993

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 336624690 US in an envelope addressed to: MS Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on March 22, 2004.


B. Zimmerman

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Michael HUTTON et al.

Serial No.: Not Yet Assigned

Filing Date: Concurrently Herewith

For: SHARED LOOKUP TABLE
ENHANCEMENTS FOR THE
EFFICIENT IMPLEMENTATION OF
BARREL SHIFTERS

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. § 1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- ☒ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of __ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of __ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 306812005200. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: March 22, 2004

Respectfully submitted,



By: _____
Alan S. Hodes
Registration No. 38,185

Morrison & Foerster LLP
755 Page Mill Road
Palo Alto, California 94304-1018
Telephone: (650) 813-5622
Facsimile: (650) 494-0792

| | | | | | | | |
|--|-------------|------------|--------------|--|-------|-------------------------------------|-------------------------------|
| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Docket Number 306812005200 | | Application Number Not Yet Assigned | |
| | | | | Applicant Michael HUTTON et al. | | | |
| | | | | Filing Date Concurrently Herewith | | Group Art Unit Not Yet Assigned | |
| | | | | Mailing Date March 22, 2004 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
| | 1. | 09/11/2001 | 6,288,568 | Bauer et al. | | | |
| | 2. | 10/02/2001 | 6,297,665 | Bauer et al. | | | |
| | 3. | 11/27/2001 | 6,323,682 | Bauer et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Translation YES NO |
| | | | | | | | |
| OTHER DOCUMENTS <i>(including author, title, Date, Pertinent Pages, Etc.)</i> | | | | | | | |
| Examiner Initials | Ref. No. | Title | | | | | |
| | | | | | | | |
| | | | | | | | |
| EXAMINER: | | | | DATE CONSIDERED: | | | |
| EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. | | | | | | | |